

Converting Colors

XYZ(51.9384, 55.3781, 57.2844)

Have a look what the booklet for
XYZ(51.9384, 55.3781, 57.2844)
contains.

XYZ(51.8759, 55.2962, 57.2293)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(51.8759, 55.2962,
57.2293)**

Conversions

Conversions Part 1

Format	Color
Hex	C3C5BF
RGB	195, 197, 191
RGB Percent	76%, 77%, 75%
CMY	0.2353, 0.2274, 0.2510
CMYK	0.01, 0.00, 0.03, 0.23
HSL	80°, 5%, 76%
HSV	80°, 3%, 77%
XYZ	51.8759, 55.2962, 57.2293
YIQ	195.7180, 0.7340, -2.2900

Conversions

Conversions Part 2

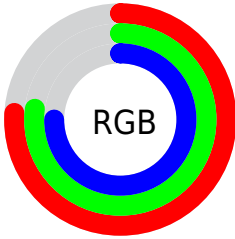
Format	Color
RYB	191, 197, 193
Decimal	12830143
CIELab	79.21, -1.78, 2.75
CIELCh	79, 3.279, 122.905
Yxy	55.2962, 0.3155, 0.3363
Android (android.graphics.Color)	4291020223 (0xFFC3C5BF)
YUV	195.7180, -2.3260, -0.6297
Hunter-Lab	74.3614, -5.6076, 6.4228

Details

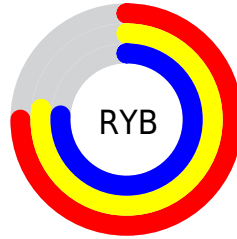
The XYZ color **51.8759, 55.2962, 57.2293** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.7033, 52.6318, 60.3128**, and the grayscale version is **52.3149, 55.0394, 59.9379**.

A 20% lighter version of the original color is **92.3752, 98.2945, 102.0997**, and **25.3944, 27.1426, 27.9454** is the 20% darker color. If you saturate the color by 10%, you get **48.1910, 53.6320, 46.4907**, and if you desaturate by 10%, it is **55.9304, 57.1204, 69.5098**.

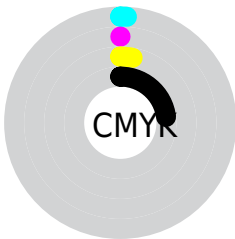
Distribution



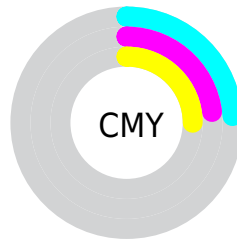
- Red (76%)
- Green (77%)
- Blue (75%)



- Red (75%)
- Yellow (77%)
- Blue (76%)



- Cyan (1%)
- Magenta (0%)
- Yellow (3%)
- Black (23%)



- Cyan (24%)
- Magenta (23%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.8759, 55.2962, 57.2293 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 51.8759, 55.2962, 57.2293 by changing the saturation by 10% instead.

■ 51.8759, 55.2962,
57.2293

■ 51.8759, 55.2962,
57.2293

384.2892,
407.0337, 431.8258

■ 37.1300, 39.6389,
40.7788

■ 92.1235, 97.9748,
102.3033

■ 25.4823, 27.2571,
27.8279

118.3560,
125.7649, 131.7639

■ 16.5674, 17.7664,
17.9580

149.1480,
158.3681, 166.3983

■ 10.0199, 10.7824,
10.7507

184.8649,
196.1687, 206.6250

■ 5.4745, 5.9207,
5.7874

225.8722,
239.5512, 252.8626

■ 2.5659, 2.7969,
2.6496

272.5351,

■ 0.9286, 1.0267,

288.8999, 305.5295

0.9179

325.2189,
344.5993, 365.0444

■ 0.0000, 0.0000,
0.0000

■ 51.8759, 55.2962,
57.2293

■ 51.8759, 55.2962,
57.2293

■ 48.1910, 53.6320,
46.4907

■ 55.9304, 57.1204,
69.5098

■ 44.8585, 52.1156,
37.2295

■ 60.3618, 59.1023,
83.3860

■ 41.8667, 50.7439,
29.3819

■ 65.1827, 61.2489,
98.9138

■ 39.2013, 49.5110,
22.8780

■ 67.9278, 62.5741,
103.1056

■ 36.8470, 48.4108,
17.6421

■ 69.9728, 63.6283,
103.2013

■ 34.7870, 47.4363,
13.5910

■ 72.0972, 64.7235,
103.3007

■ 33.0024, 46.5800,
10.6314

■ 74.3017, 65.8600,
103.4039

■ 31.4719, 45.8331,
8.6562

■ 76.5872, 67.0382,
103.5108

■ 30.1698, 45.1853,
7.5363

■ 78.9546, 68.2586,
103.6216

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



52.4935, 55.2962, 56.6760



51.8759, 55.2962, 57.2293



51.4437, 55.2962, 58.5796

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



51.8759, 55.2962, 57.2293



51.9856, 55.2962, 63.4779



53.8257, 55.2962, 60.0255

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



51.8759, 55.2962, 57.2293



50.7033, 52.6318, 60.3128

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



53.6870, 55.2962, 61.8666



51.8759, 55.2962, 57.2293



52.6213, 55.2962, 63.8842

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



51.8759, 55.2962, 57.2293



51.5067, 55.2962, 62.1897



53.2448, 55.2962, 63.2886



53.6223, 55.2962, 58.2692

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



51.8759, 55.2962, 57.2293



51.3170, 55.2962, 59.7636



53.2448, 55.2962, 63.2886



53.8176, 55.2962, 60.6549

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



51.8774, 55.2986, 57.2305



94.3297, 99.6758, 106.7374



51.5019, 53.7737, 56.9560



20.1980, 21.3381, 22.8690



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



51.8774, 55.2986, 57.2305



92.2096, 98.7204, 100.4212



51.1102, 54.9031, 57.1946



11.5609, 12.4110, 12.4886



19.4066, 29.4998, 4.6712



0.9934, 1.4352, 0.2247

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



50.7033, 52.6318, 60.3128



89.4258, 92.3977, 107.7290



51.4758, 53.0300, 60.3489



11.1573, 11.4943, 13.5481



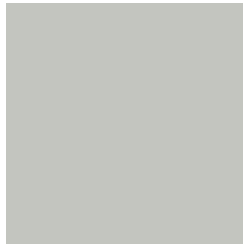
8.1753, 3.4488, 34.9792



0.4643, 0.2031, 1.6599

Previews

White Background



This preview shows how the XYZ color 51.8759, 55.2962, 57.2293 looks on a white background.

Color Contrast Check

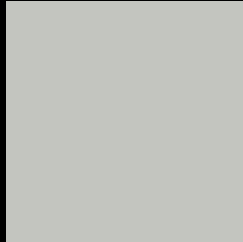
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 51.8759, 55.2962, 57.2293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

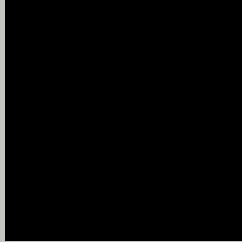
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.8759, 55.2962, 57.2293

Background



This preview shows how black text looks on a background with the XYZ color 51.8759, 55.2962, 57.2293.



This preview shows how white text looks on a background with the XYZ color 51.8759, 55.2962,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

51.8759, 55.2962, 57.2293

Protanopia

52.8968, 55.1654, 56.5752

Deuteranopia

56.2468, 55.2316, 57.5654



Tritanopia

54.2133, 55.2425, 68.7783

Trichromacy



Original Color

51.8759, 55.2962, 57.2293

Protanomaly

52.5874, 55.3397, 56.6252

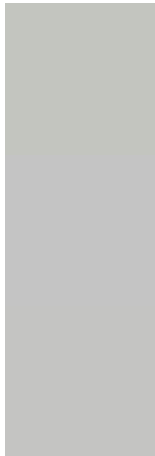
Deuteranomaly

54.5968, 55.3556, 57.6763

Tritanomaly

53.3206, 55.2123, 64.3467

Monochromacy



Original Color

51.8759, 55.2962, 57.2293

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.2425, 55.1107, 58.9229

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.8759, 55.2962, 57.2293 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(195, 197, 191)` looks like.

```
.text, #text, p{  
    color:rgb(195, 197, 191)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(195, 197, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 197, 191) }
```

Border

The CSS property to change the border of an element to XYZ 51.8759, 55.2962, 57.2293 is called "border". The border property can be set on classes, ids or directly on the HTML element.

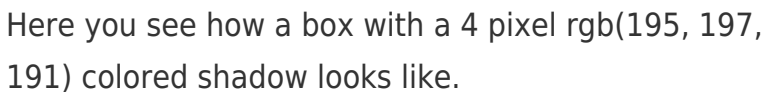
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 197, 191) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(195, 197, 191) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(195, 197, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 197, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 197, 191); box-shadow:4px 4px 4px 4px rgb(195, 197, 191) }
```

Background

The CSS property to change the background color of an element to XYZ 51.8759, 55.2962, 57.2293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 197, 191) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(195,  
197, 191) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor